

ISST 2-20-2004 Call Notes

Team members present (P) and not present (NP):

(P) Brad Colman (team leader) – WFO Seattle
(P) Peter Manousos (backup team leader) – NCEP/HPC
(P) Dan Baumgardt – WFO LaCrosse
(P) Mark Jackson – WFO Salt Lake City
(P) Steve Keighton – WFO Blacksburg
(P) Andy Patrick – WFO Corpus Christi
(P) Eric Stevens – WFO Fairbanks
(NP) Bill Ward – PRHQ
(P) Kevin Schrab (facilitator) – OST/PPD/PMB

Review of new model grids plans.

Background

Many additions to the model grid suite are on the horizon. The status and schedule was discussed.

Discussion

Mark Jackson and Dan Baumgardt are putting together a slide show that summarizes these plans. These slides will be posted to the ISST webpage.

The status of DGEX was discussed. See the ISST website for more information on the [DGEX](#) (including most up-to-date information on status). The current status is (still subject to change):

- 1-month evaluation with run from 3/15/2004 to 4/15/2004
 - 1 CONUS run at 0000 UTC
 - 1 Alaska run at 0000 UTC
 - Data distributed to WR (for redistribution to all CONUS evaluation offices); data for AR distributed directly to AR
 - WR will provide ingest and display instructions for AWIPS and GFE
 - SmartInit tailored to DGEX will be provided by Tim Barker
 - NCEP has set up a website with DGEX graphics for open access
- Operational configuration
 - Baselined into AWIPS OB3.2 (May/June 2004)
 - 2 CONUS runs at 0600,1800 UTC
 - 0000, 1200 UTC GFS lateral boundary conditions, respectively
 - Available ~1000-1200 UTC and ~2200-0000 UTC, respectively
 - 2 OCONUS runs at 0000,1200 UTC
 - 1800, 0600 UTC GFS lateral boundary conditions, respectively
 - Available ~0400-0600 UTC and ~1600-1800 UTC, respectively
 - Status of Pacific Region and Puerto Rico runs are still uncertain due to required ongoing testing at NCEP/EMC
 - SmartInit tailored to DGEX will be provided by Tim Barker

A call with the NWP PDS team to discuss training needs for the DGEX will take place on 2/24/2004.

Verification Plan.

Background

Continued team discussion of prioritizing tasks/actions in the NVIWT Plan. The team is drafting a short briefing to present to Jack Hayes.

Discussion

The team discussed making the briefing to Jack Hayes into something that is actionable. The briefing will be modified to that end. The team also plans to issue a Statement on the requirements for verification in the digital services era. This Statement will be coordinated through the Regions/NCEP over the next month.

HPC plans for medium-range grids.

Background

Pete Manousos indicated that this issue was raised at the IFPS workshop in KC last week. A number of WFOs have indicated their preferences to receive extended range grids from HPC in literal form (not delta grids) in at least 5km resolution. (This preference has been made known to HPC shortly after delta grids became available in GFE last spring).

Discussion

Pete Manousos described the plans to the team. In response to the WFOs, HPC is currently working on producing 5km CONUS guidance grids of Max/Min temp, 6 hourly dewpoint, sky cover, PoP, wind speed and dir (in test mode) for assistance with populating the new days 4 through 7 (or the old days 5-8). We will be working on this change with NWSHQ. The intent behind this effort is to support the WFOs production of extended range grids (WFOs would use them when they need them).

The team asked Pete Manousos to get them updated on the progress and provide any planning documents that are produced.

Digital Services forecast process.

Background

This is one of the high priority items on the ISST roadmap. Little time was spent on this call, as time was limited. Each team member provided brief brainstorming ideas of what the ideal Digital Services forecast process might look like. The purpose of this entire exercise is to identify science and technical deficiencies in the current forecast process and make recommendations on solutions.

Discussion

The team decided there was not enough time to discuss this topic. The team decided to dedicate every other call to this topic until some consensus is reached on what the output of the discussions will be.

ISST Forum.

Background

Announcements have gone out. The Forum will take place on 3/4/2004 from 2-3:30pm EST.

Discussion

The team indicated that no agenda items had yet been received. The agenda and supporting documents will be posted before the Forum on the ISST webpage at:
http://www.nws.noaa.gov/ost/ifps_sst/isst_forum.html

Round robin.

Background

Team members' turn to bring up issues.

Discussion

No round robin issues were brought up.